

a pressure sensitive conductor interposed between said insulating substrates, for varying a resistance thereof according to a load applied from an outside of said insulating substrates;

a controller for detecting an electric characteristic of said pressure sensitive resistance element, converting the electric characteristic into a desired electric characteristic signal, and issuing a desired electric characteristic signal, comprising:

an A/D converter receiving a signal from said pressure sensitive resistance element

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a memory preliminarily storing a compensation value determined based on an error signal between the electric characteristic of said pressure sensitive resistance element and a reference electric characteristic; and

a D/A converter compensating a signal from said A/D converter based on the electric characteristic of said pressure sensitive resistance element due to a resistance change of said pressure sensitive resistance element based on the compensation value stored in said memory and issuing the compensated signal;

an adjustment value input terminal for inputting the error signal into an input terminal of said A/D converter; and

an error amplifier for receiving an output of said D/A converter and a reference value and for outputting the error signal to said adjustment value input terminal.

4. (Amended) The sensed-pressure-data converter according to claim 1 further comprising:

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a reference output voltage source for issuing the reference value on an offset of an output of said D/A converter.